

A Playground Foundation Formed of a Composite Layered Surface

ABSTRACT

The present invention provides an improved foundation for human recreation areas, such as playgrounds. The improved foundation preferably includes a foundation layer, a drainage layer, an impact dampening layer, a cover layer, and at least one fixed barrier. The cover layer is preferably composed of an artificial turf with granules of rubber dispersed throughout the turf. The impact dampening layer is preferably composed at least in part of rubber particles and provides for impact resistance for falls or other trauma. The cover layer is preferably positioned in top of the impact dampening layer and serves to contain the rubber particles of the impact dampening layer. The impact dampening ability of the impact dampening layer may preferably be increased by increasing the depth of the impact dampening layer. The surface may also be color coded, for example with regard to impact level.